```
SQL> cl scr

SQL> CREATE TABLE SampleSelf01
  2  (
  3   SampID NUMBER(2)
  4   CONSTRAINT SampleSelf01_SampID_PK PRIMARY KEY,
  5   SampName VARCHAR2(10),
  6   SampDate DATE,
  7   SampIDFK NUMBER(2)
  8   CONSTRAINT SampleSelf01_SampIDFK_FK
  9   REFERENCES SampleSelf01(SampID)
 10  );

Table created.

SQL> INSERT INTO SampleSelf01
  2  VALUES(1, 'SAMPLE01', SYSDATE, 10);
INSERT INTO SampleSelf01
*
ERROR at line 1:
ORA-02291: integrity constraint (SCOTT.SAMPLESELF01_SAMPIDFK_FK) violated
- parent key not found


SQL> INSERT INTO SampleSelf01
  2  VALUES(1, 'SAMPLE01', SYSDATE, NULL);

1 row created.

SQL> SELECT * FROM SampleSelf01;

    SAMPID SAMPNAME   SAMPDATE    SAMPIDFK
---------- ---------- --------- ----------
         1 SAMPLE01   18-AUG-14

SQL> INSERT INTO SampleSelf01
  2  VALUES(2, 'SAMPLE02', SYSDATE, 1);

1 row created.

SQL> SELECT * FROM SampleSelf01;

    SAMPID SAMPNAME   SAMPDATE    SAMPIDFK
---------- ---------- --------- ----------
         1 SAMPLE01   18-AUG-14
         2 SAMPLE02   18-AUG-14          1
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
SQL> INSERT INTO SampleSelf01
  2  VALUES(3, 'SAMPLE03', SYSDATE, 1);

1 row created.

SQL> SELECT * FROM SampleSelf01;

    SAMPID SAMPNAME   SAMPDATE    SAMPIDFK
---------- ---------- --------- ----------
         1 SAMPLE01   18-AUG-14
         2 SAMPLE02   18-AUG-14          1
         3 SAMPLE03   18-AUG-14          1

SQL> INSERT INTO SampleSelf01
  2  VALUES(4, 'SAMPLE04', SYSDATE, 3);

1 row created.

SQL> SELECT * FROM SampleSelf01;

    SAMPID SAMPNAME   SAMPDATE    SAMPIDFK
---------- ---------- --------- ----------
         1 SAMPLE01   18-AUG-14
         2 SAMPLE02   18-AUG-14          1
         3 SAMPLE03   18-AUG-14          1
         4 SAMPLE04   18-AUG-14          3

SQL> INSERT INTO SampleSelf01
  2  VALUES(5, 'SAMPLE05', SYSDATE, 3);

1 row created.

SQL> INSERT INTO SampleSelf01
  2  VALUES(6, 'SAMPLE06', SYSDATE, 3);

1 row created.

SQL> SELECT * FROM SampleSelf01;

    SAMPID SAMPNAME   SAMPDATE    SAMPIDFK
---------- ---------- --------- ----------
         1 SAMPLE01   18-AUG-14
         2 SAMPLE02   18-AUG-14          1
         3 SAMPLE03   18-AUG-14          1
         4 SAMPLE04   18-AUG-14          3
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
         5 SAMPLE05    18-AUG-14           3
         6 SAMPLE06    18-AUG-14           3

6 rows selected.

SQL> DELETE FROM SampleSelf01
  2  WHERE SampID = 5;

1 row deleted.

SQL> DELETE FROM SampleSelf01
  2  WHERE SampID = 3;
DELETE FROM SampleSelf01
*
ERROR at line 1:
ORA-02292: integrity constraint (SCOTT.SAMPLESELF01_SAMPIDFK_FK) violated
- child record found


SQL> DELETE FROM SampleSelf01
  2  WHERE SampID IN(4, 6);

2 rows deleted.

SQL> SELECT * FROM SampleSelf01;

    SAMPID SAMPNAME   SAMPDATE    SAMPIDFK
---------- ---------- ---------- ----------
         1 SAMPLE01   18-AUG-14
         2 SAMPLE02   18-AUG-14           1
         3 SAMPLE03   18-AUG-14           1

SQL> DELETE FROM SampleSelf01
  2  WHERE SampID = 3;

1 row deleted.

SQL> cl scr

SQL> ED
Wrote file afiedt.buf

  1  CREATE TABLE SampleSelf02
  2  (
  3   SampID NUMBER(2)
  4   CONSTRAINT SampleSelf02_SampID_PK PRIMARY KEY,
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
  5    SampName VARCHAR2(10),
  6    SampDate DATE,
  7    SampIDFK NUMBER(2)
  8    CONSTRAINT SampleSelf02_SampIDFK_NN NOT NULL
  9    CONSTRAINT SampleSelf02_SampIDFK_FK
 10    REFERENCES SampleSelf02(SampID)
 11* )
SQL> /

Table created.

SQL> INSERT INTO SampleSelf02
  2  VALUES(1, 'SAMPLE01', SYSDATE, NULL);
VALUES(1, 'SAMPLE01', SYSDATE, NULL)
                               *
ERROR at line 2:
ORA-01400: cannot insert NULL into ("SCOTT"."SAMPLESELF02"."SAMPIDFK")


SQL> INSERT INTO SampleSelf02
  2  VALUES(1, 'SAMPLE01', SYSDATE, 10);
INSERT INTO SampleSelf02
*
ERROR at line 1:
ORA-02291: integrity constraint (SCOTT.SAMPLESELF02_SAMPIDFK_FK) violated
- parent key not found


SQL> INSERT INTO SampleSelf02
  2  VALUES(1, 'SAMPLE01', SYSDATE, 1);

1 row created.

SQL> SELECT * FROM SampleSelf02;

    SAMPID SAMPNAME   SAMPDATE    SAMPIDFK
---------- ---------- --------- ----------
         1 SAMPLE01   18-AUG-14          1

SQL> INSERT INTO SampleSelf02
  2  VALUES(2, 'SAMPLE02', SYSDATE, 1);

1 row created.

SQL> cl scr
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
SQL> CREATE TABLE SamplePK01
  2  (
  3   SampID NUMBER(2)
  4   CONSTRAINT SamplePK01_SampID_PK PRIMARY KEY,
  5   SampName VARCHAR2(10),
  6   SampDate DATE
  7  );

Table created.

SQL> CREATE TABLE SampleFK_01
  2  (
  3   SampID NUMBER(2)
  4   CONSTRAINT SampleFK_01_SampID_PK PRIMARY KEY,
  5   SampName VARCHAR2(10),
  6   SampDate DATE,
  7   SampIDFK NUMBER(2)
  8   CONSTRAINT SampleFK_01_SampIDFK_FK
  9   REFERENCES SamplePK01(SampID)
 10   ON DELETE SET NULL
 11  );

Table created.

SQL> ED
Wrote file afiedt.buf

  1  CREATE TABLE SampleFK_02
  2  (
  3   SampID NUMBER(2)
  4   CONSTRAINT SampleFK_02_SampID_PK PRIMARY KEY,
  5   SampName VARCHAR2(10),
  6   SampDate DATE,
  7   SampIDFK NUMBER(2)
  8   CONSTRAINT SampleFK_02_SampIDFK_NN NOT NULL
  9   CONSTRAINT SampleFK_02_SampIDFK_FK
 10   REFERENCES SamplePK01(SampID)
 11   ON DELETE CASCADE
 12* )
SQL> /

Table created.

SQL> BEGIN
  2  INSERT INTO SamplePK01
  3  VALUES(1, 'SAMPLE01', SYSDATE);
```

Oracle By Sathish Yellanki (SkyESS)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
  4  INSERT INTO SamplePK01
  5  VALUES(2, 'SAMPLE02', SYSDATE);
  6  INSERT INTO SamplePK01
  7  VALUES(3, 'SAMPLE03', SYSDATE);
  8  INSERT INTO SamplePK01
  9  VALUES(4, 'SAMPLE04', SYSDATE);
 10  INSERT INTO SamplePK01
 11  VALUES(5, 'SAMPLE05', SYSDATE);
 12  INSERT INTO SamplePK01
 13  VALUES(6, 'SAMPLE06', SYSDATE);
 14  INSERT INTO SamplePK01
 15  VALUES(7, 'SAMPLE07', SYSDATE);
 16  INSERT INTO SamplePK01
 17  VALUES(8, 'SAMPLE08', SYSDATE);
 18  COMMIT;
 19  END;
 20  /

PL/SQL procedure successfully completed.

SQL> BEGIN
  2  INSERT INTO SampleFK_01
  3  VALUES(10, 'SAMPLE10', SYSDATE, 2);
  4  INSERT INTO SampleFK_01
  5  VALUES(11, 'SAMPLE11', SYSDATE, 2);
  6  INSERT INTO SampleFK_01
  7  VALUES(12, 'SAMPLE12', SYSDATE, 2);
  8  INSERT INTO SampleFK_01
  9  VALUES(13, 'SAMPLE13', SYSDATE, 5);
 10  INSERT INTO SampleFK_01
 11  VALUES(14, 'SAMPLE14', SYSDATE, 5);
 12  INSERT INTO SampleFK_01
 13  VALUES(15, 'SAMPLE15', SYSDATE, 7);
 14  INSERT INTO SampleFK_01
 15  VALUES(16, 'SAMPLE16', SYSDATE, 7);
 16  INSERT INTO SampleFK_01
 17  VALUES(17, 'SAMPLE17', SYSDATE, 5);
 18  INSERT INTO SampleFK_01
 19  VALUES(18, 'SAMPLE18', SYSDATE, 7);
 20  COMMIT;
 21  END;
 22  /

PL/SQL procedure successfully completed.

SQL> BEGIN
```

Oracle By Sathish Yellanki (SkyEss)

```
  2  INSERT INTO SampleFK_02
  3  VALUES(20, 'SAMPLE10', SYSDATE, 1);
  4  INSERT INTO SampleFK_02
  5  VALUES(21, 'SAMPLE21', SYSDATE, 1);
  6  INSERT INTO SampleFK_02
  7  VALUES(22, 'SAMPLE22', SYSDATE, 1);
  8  INSERT INTO SampleFK_02
  9  VALUES(23, 'SAMPLE23', SYSDATE, 5);
 10  INSERT INTO SampleFK_02
 11  VALUES(24, 'SAMPLE24', SYSDATE, 5);
 12  INSERT INTO SampleFK_02
 13  VALUES(25, 'SAMPLE25', SYSDATE, 3);
 14  INSERT INTO SampleFK_02
 15  VALUES(26, 'SAMPLE26', SYSDATE, 3);
 16  INSERT INTO SampleFK_02
 17  VALUES(27, 'SAMPLE27', SYSDATE, 5);
 18  INSERT INTO SampleFK_02
 19  VALUES(28, 'SAMPLE28', SYSDATE, 3);
 20  COMMIT;
 21  END;
 22  /

PL/SQL procedure successfully completed.

SQL> cl scr

SQL> SELECT * FROM SamplePK01;

     SAMPID SAMPNAME   SAMPDATE
---------- ---------- ---------
         1 SAMPLE01   18-AUG-14
         2 SAMPLE02   18-AUG-14
         3 SAMPLE03   18-AUG-14
         4 SAMPLE04   18-AUG-14
         5 SAMPLE05   18-AUG-14
         6 SAMPLE06   18-AUG-14
         7 SAMPLE07   18-AUG-14
         8 SAMPLE08   18-AUG-14

8 rows selected.

SQL> SELECT * FROM SampleFK_01;

     SAMPID SAMPNAME   SAMPDATE    SAMPIDFK
---------- ---------- --------- ----------
        10 SAMPLE10   18-AUG-14          2
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
        11 SAMPLE11    18-AUG-14           2
        12 SAMPLE12    18-AUG-14           2
        13 SAMPLE13    18-AUG-14           5
        14 SAMPLE14    18-AUG-14           5
        15 SAMPLE15    18-AUG-14           7
        16 SAMPLE16    18-AUG-14           7
        17 SAMPLE17    18-AUG-14           5
        18 SAMPLE18    18-AUG-14           7

9 rows selected.

SQL> SELECT * FROM SampleFK_02;

    SAMPID SAMPNAME   SAMPDATE    SAMPIDFK
---------- ---------- --------- ----------
        20 SAMPLE10   18-AUG-14           1
        21 SAMPLE21   18-AUG-14           1
        22 SAMPLE22   18-AUG-14           1
        23 SAMPLE23   18-AUG-14           5
        24 SAMPLE24   18-AUG-14           5
        25 SAMPLE25   18-AUG-14           3
        26 SAMPLE26   18-AUG-14           3
        27 SAMPLE27   18-AUG-14           5
        28 SAMPLE28   18-AUG-14           3

9 rows selected.

SQL> DELETE FROM SamplePK01
  2  WHERE SampID = 8;

1 row deleted.

SQL> SELECT * FROM SamplePK01;

    SAMPID SAMPNAME   SAMPDATE
---------- ---------- ---------
         1 SAMPLE01   18-AUG-14
         2 SAMPLE02   18-AUG-14
         3 SAMPLE03   18-AUG-14
         4 SAMPLE04   18-AUG-14
         5 SAMPLE05   18-AUG-14
         6 SAMPLE06   18-AUG-14
         7 SAMPLE07   18-AUG-14

7 rows selected.
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
SQL> DELETE FROM SamplePK01
  2  WHERE SampID = 2;

1 row deleted.

SQL> SELECT * FROM SamplePK01;

    SAMPID SAMPNAME   SAMPDATE
---------- ---------- ---------
         1 SAMPLE01   18-AUG-14
         3 SAMPLE03   18-AUG-14
         4 SAMPLE04   18-AUG-14
         5 SAMPLE05   18-AUG-14
         6 SAMPLE06   18-AUG-14
         7 SAMPLE07   18-AUG-14

6 rows selected.

SQL> SELECT * FROM SampleFK_01;

    SAMPID SAMPNAME   SAMPDATE    SAMPIDFK
---------- ---------- --------- ----------
        10 SAMPLE10   18-AUG-14
        11 SAMPLE11   18-AUG-14
        12 SAMPLE12   18-AUG-14
        13 SAMPLE13   18-AUG-14          5
        14 SAMPLE14   18-AUG-14          5
        15 SAMPLE15   18-AUG-14          7
        16 SAMPLE16   18-AUG-14          7
        17 SAMPLE17   18-AUG-14          5
        18 SAMPLE18   18-AUG-14          7

9 rows selected.

SQL> DELETE FROM SamplePK01
  2  WHERE SampID = 1;

1 row deleted.

SQL> SELECT * FROM SamplePK01;

    SAMPID SAMPNAME   SAMPDATE
---------- ---------- ---------
         3 SAMPLE03   18-AUG-14
         4 SAMPLE04   18-AUG-14
         5 SAMPLE05   18-AUG-14
```

Oracle By Sathish Yellanki (SkyESS)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
         6 SAMPLE06   18-AUG-14
         7 SAMPLE07   18-AUG-14

SQL> SELECT * FROM SampleFK_02;

    SAMPID SAMPNAME   SAMPDATE    SAMPIDFK
---------- ---------- --------- ----------
        23 SAMPLE23   18-AUG-14          5
        24 SAMPLE24   18-AUG-14          5
        25 SAMPLE25   18-AUG-14          3
        26 SAMPLE26   18-AUG-14          3
        27 SAMPLE27   18-AUG-14          5
        28 SAMPLE28   18-AUG-14          3

6 rows selected.

SQL> DELETE FROM SamplePK01
  2  WHERE SampID = 5;

1 row deleted.

SQL> SELECT * FROM SamplePK01;

    SAMPID SAMPNAME   SAMPDATE
---------- ---------- ---------
         3 SAMPLE03   18-AUG-14
         4 SAMPLE04   18-AUG-14
         6 SAMPLE06   18-AUG-14
         7 SAMPLE07   18-AUG-14

SQL> SELECT * FROM SampleFK_01;

    SAMPID SAMPNAME   SAMPDATE    SAMPIDFK
---------- ---------- --------- ----------
        10 SAMPLE10   18-AUG-14
        11 SAMPLE11   18-AUG-14
        12 SAMPLE12   18-AUG-14
        13 SAMPLE13   18-AUG-14
        14 SAMPLE14   18-AUG-14
        15 SAMPLE15   18-AUG-14          7
        16 SAMPLE16   18-AUG-14          7
        17 SAMPLE17   18-AUG-14
        18 SAMPLE18   18-AUG-14          7

9 rows selected.
```

Oracle By Satish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
SQL> SELECT * FROM SampleFK_02;

    SAMPID SAMPNAME   SAMPDATE    SAMPIDFK
---------- ---------- --------- ----------
        25 SAMPLE25   18-AUG-14          3
        26 SAMPLE26   18-AUG-14          3
        28 SAMPLE28   18-AUG-14          3

SQL> cl scr

SQL> CREATE TABLE SamplePK03
  2  (
  3   SampID NUMBER(2)
  4   CONSTRAINT SamplePK03_SampID_PK PRIMARY KEY,
  5   SampName VARCHAR2(10),
  6   SampDate DATE
  7  );

Table created.

SQL> CREATE TABLE SampleFK03
  2  (
  3   SampID NUMBER(2)
  4   CONSTRAINT SampleFK03_SampID_PK PRIMARY KEY,
  5   SampName VARCHAR2(10),
  6   SampDate DATE,
  7   SampIDFK NUMBER(2),
  8   CONSTRAINT SampleFK03_SampIDFK_FK
  9   FOREIGN KEY(SampIDFK)
 10   REFERENCES SamplePK03(SampID)
 11  );

Table created.

SQL> ED
Wrote file afiedt.buf

  1  CREATE TABLE SamplePK04
  2  (
  3   SampID NUMBER(2),
  4   SampName VARCHAR2(10),
  5   SampDate DATE,
  6   SampIDUNQ NUMBER(2),
  7   CONSTRAINT SamplePK04_SampIDName_PK
  8   PRIMARY KEY(SampID, SampName),
  9   CONSTRAINT SamplePK04_SampIDUNQ
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
 10   UNIQUE(SampIDUNQ)
 11* )
SQL> /

Table created.

SQL> CREATE TABLE SampleFK04
  2  (
  3   SampID NUMBER(2)
  4   CONSTRAINT SampleFK04_SampID_PK PRIMARY KEY,
  5   SampName VARCHAR2(10),
  6   SampDate DATE,
  7   SampIDFK NUMBER(2),
  8   SampNameFK VARCHAR2(10),
  9   SampIDUNQFK NUMBER(2)
 10   CONSTRAINT SampleFK04_SampIDUNQFK
 11   REFERENCES SamplePK04(SampIDUNQ),
 12   CONSTRAINT SampleFK04_SampIDNameFK
 13   FOREIGN KEY(SampIDFK, SampNameFK)
 14   REFERENCES SamplePK04(SampID, SampName)
 15  );

Table created.

SQL> cl scr

SQL> CREATE TABLE MyDept
  2  (
  3   Deptno NUMBER(2)
  4   CONSTRAINT MyDept_Deptno_PK PRIMARY KEY
  5   CONSTRAINT MyDept_Deptno_CHK01
  6   CHECK(Deptno IN(10, 20, 30, 40, 50, 60, 70, 80, 90)),
  7   Dname VRACHAR2(15)
  8   CONSTRAINT MyDept_Dname_NN NOT NULL
  9   CONSTRAINT MyDept_Dname_UNQ UNIQUE
 10   CONSTRAINT MyDept_Dname_CHK01
 11   CHECK(Dname = UPPER(Dname))
 12   DEFAULT 'Not Given',
 13   Loc VARCHAR2(15)
 14   CONSTRAINT MyDept_Loc_NN NOT NULL
 15   CONSTRAINT MyDept_Loc_CHK01
 16   CHECK(Loc = UPPER(Loc))
 17   CONSTRAINT MyDept_Loc_CHK02
 18   CHECK
 19   (
 20   Dname IN
```

Oracle By Sathish Yellanki (SkyEss)

```
 21         (
 22         'NEW YORK',
 23         'DALLAS',
 24         'CHICAGO',
 25         'BOSTON'
 26         )
 27   )
 28  DEFAULT 'NOT GIVEN'
 29  )
 30  ;
 Dname VRACHAR2(15)
                *
ERROR at line 7:
ORA-00907: missing right parenthesis


SQL> ED
Wrote file afiedt.buf

  1  CREATE TABLE MyDept
  2  (
  3   Deptno NUMBER(2)
  4   CONSTRAINT MyDept_Deptno_PK PRIMARY KEY
  5   CONSTRAINT MyDept_Deptno_CHK01
  6   CHECK(Deptno IN(10, 20, 30, 40, 50, 60, 70, 80, 90)),
  7   Dname VARCHAR2(15)
  8   CONSTRAINT MyDept_Dname_NN NOT NULL
  9   CONSTRAINT MyDept_Dname_UNQ UNIQUE
 10   CONSTRAINT MyDept_Dname_CHK01
 11   CHECK(Dname = UPPER(Dname))
 12   DEFAULT 'Not Given',
 13   Loc VARCHAR2(15)
 14   CONSTRAINT MyDept_Loc_NN NOT NULL
 15   CONSTRAINT MyDept_Loc_CHK01
 16   CHECK(Loc = UPPER(Loc))
 17   CONSTRAINT MyDept_Loc_CHK02
 18   CHECK
 19   (
 20   Dname IN
 21         (
 22         'NEW YORK',
 23         'DALLAS',
 24         'CHICAGO',
 25         'BOSTON'
 26         )
 27   )
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
 28  DEFAULT 'NOT GIVEN'
 29* )
 30  /
 DEFAULT 'Not Given',
 *
ERROR at line 12:
ORA-00907: missing right parenthesis


SQL> ED
Wrote file afiedt.buf

  1  CREATE TABLE MyDept
  2  (
  3   Deptno NUMBER(2)
  4   CONSTRAINT MyDept_Deptno_PK PRIMARY KEY
  5   CONSTRAINT MyDept_Deptno_CHK01
  6   CHECK(Deptno IN(10, 20, 30, 40, 50, 60, 70, 80, 90)),
  7   Dname VARCHAR2(15)
  8   CONSTRAINT MyDept_Dname_NN NOT NULL
  9   CONSTRAINT MyDept_Dname_UNQ UNIQUE
 10   CONSTRAINT MyDept_Dname_CHK01
 11   CHECK(Dname = UPPER(Dname))
 12   DEFAULT 'Not Given'),
 13   Loc VARCHAR2(15)
 14   CONSTRAINT MyDept_Loc_NN NOT NULL
 15   CONSTRAINT MyDept_Loc_CHK01
 16   CHECK(Loc = UPPER(Loc))
 17   CONSTRAINT MyDept_Loc_CHK02
 18   CHECK
 19   (
 20   Dname IN
 21         (
 22         'NEW YORK',
 23         'DALLAS',
 24         'CHICAGO',
 25         'BOSTON'
 26         )
 27   )
 28  DEFAULT 'NOT GIVEN'
 29* )
SQL> /
 DEFAULT 'Not Given'),
 *
ERROR at line 12:
ORA-00907: missing right parenthesis
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
SQL> ED
Wrote file afiedt.buf

  1  CREATE TABLE MyDept
  2  (
  3   Deptno NUMBER(2)
  4   CONSTRAINT MyDept_Deptno_PK PRIMARY KEY
  5   CONSTRAINT MyDept_Deptno_CHK01
  6   CHECK(Deptno IN(10, 20, 30, 40, 50, 60, 70, 80, 90)),
  7   Dname VARCHAR2(15)
  8   CONSTRAINT MyDept_Dname_NN NOT NULL
  9   CONSTRAINT MyDept_Dname_UNQ UNIQUE
 10   CONSTRAINT MyDept_Dname_CHK01
 11   CHECK(Dname = UPPER(Dname))
 12   (DEFAULT 'Not Given'),
 13   Loc VARCHAR2(15)
 14   CONSTRAINT MyDept_Loc_NN NOT NULL
 15   CONSTRAINT MyDept_Loc_CHK01
 16   CHECK(Loc = UPPER(Loc))
 17   CONSTRAINT MyDept_Loc_CHK02
 18   CHECK
 19   (
 20   Dname IN
 21         (
 22         'NEW YORK',
 23         'DALLAS',
 24         'CHICAGO',
 25         'BOSTON'
 26         )
 27   )
 28  DEFAULT 'NOT GIVEN'
 29* )
SQL> /
 (DEFAULT 'Not Given'),
 *
ERROR at line 12:
ORA-00907: missing right parenthesis


SQL> ED
Wrote file afiedt.buf

  1  CREATE TABLE MyDept
  2  (
```

Oracle By Sathish Yellanki (SkyEss)

```
  3   Deptno NUMBER(2)
  4   CONSTRAINT MyDept_Deptno_PK PRIMARY KEY
  5   CONSTRAINT MyDept_Deptno_CHK01
  6   CHECK(Deptno IN(10, 20, 30, 40, 50, 60, 70, 80, 90)),
  7   Dname VARCHAR2(15)
  8   DEFAULT 'Not Given'
  9   CONSTRAINT MyDept_Dname_NN NOT NULL
 10   CONSTRAINT MyDept_Dname_UNQ UNIQUE
 11   CONSTRAINT MyDept_Dname_CHK01
 12   CHECK(Dname = UPPER(Dname)),
 13   Loc VARCHAR2(15)
 14   CONSTRAINT MyDept_Loc_NN NOT NULL
 15   CONSTRAINT MyDept_Loc_CHK01
 16   CHECK(Loc = UPPER(Loc))
 17   CONSTRAINT MyDept_Loc_CHK02
 18   CHECK
 19   (
 20   Dname IN
 21         (
 22         'NEW YORK',
 23         'DALLAS',
 24         'CHICAGO',
 25         'BOSTON'
 26         )
 27   )
 28  DEFAULT 'NOT GIVEN'
 29* )
SQL> /
DEFAULT 'NOT GIVEN'
*
ERROR at line 28:
ORA-02438: Column check constraint cannot reference other columns


SQL> ED
Wrote file afiedt.buf

  1  CREATE TABLE MyDept
  2  (
  3   Deptno NUMBER(2)
  4   CONSTRAINT MyDept_Deptno_PK PRIMARY KEY
  5   CONSTRAINT MyDept_Deptno_CHK01
  6   CHECK(Deptno IN(10, 20, 30, 40, 50, 60, 70, 80, 90)),
  7   Dname VARCHAR2(15)
  8   DEFAULT 'Not Given'
  9   CONSTRAINT MyDept_Dname_NN NOT NULL
```

Oracle By Sathish Yellanki (SkyEss)

```
 10   CONSTRAINT MyDept_Dname_UNQ UNIQUE
 11   CONSTRAINT MyDept_Dname_CHK01
 12   CHECK(Dname = UPPER(Dname)),
 13   Loc VARCHAR2(15)
 14   DEFAULT 'NOT GIVEN'
 15   CONSTRAINT MyDept_Loc_NN NOT NULL
 16   CONSTRAINT MyDept_Loc_CHK01
 17   CHECK(Loc = UPPER(Loc))
 18   CONSTRAINT MyDept_Loc_CHK02
 19   CHECK
 20   (
 21   Dname IN
 22         (
 23         'NEW YORK',
 24         'DALLAS',
 25         'CHICAGO',
 26         'BOSTON'
 27         )
 28   )
 29* )
SQL> /
)
*
ERROR at line 29:
ORA-02438: Column check constraint cannot reference other columns


SQL> ED
Wrote file afiedt.buf

  1  CREATE TABLE MyDept
  2  (
  3   Deptno NUMBER(2)
  4   CONSTRAINT MyDept_Deptno_PK PRIMARY KEY
  5   CONSTRAINT MyDept_Deptno_CHK01
  6   CHECK(Deptno IN(10, 20, 30, 40, 50, 60, 70, 80, 90)),
  7   Dname VARCHAR2(15)
  8   DEFAULT 'Not Given'
  9   CONSTRAINT MyDept_Dname_NN NOT NULL
 10   CONSTRAINT MyDept_Dname_UNQ UNIQUE
 11   CONSTRAINT MyDept_Dname_CHK01
 12   CHECK(Dname = UPPER(Dname)),
 13   Loc VARCHAR2(15)
 14   DEFAULT 'NOT GIVEN'
 15   CONSTRAINT MyDept_Loc_NN NOT NULL
 16   CONSTRAINT MyDept_Loc_CHK01
```

Oracle By Sathish Yellanki (SkyEss)

```
 17   CHECK(Loc = UPPER(Loc))
 18   CONSTRAINT MyDept_Loc_CHK02
 19   CHECK
 20   (
 21   Loc IN
 22         (
 23         'NEW YORK',
 24         'DALLAS',
 25         'CHICAGO',
 26         'BOSTON'
 27         )
 28   )
 29* )
SQL> /

Table created.

SQL> ED
Wrote file afiedt.buf

  1  INSERT INTO MyDept
  2* VALUES(1, 'SAMPLE01', 'New York')
SQL> /
INSERT INTO MyDept
*
ERROR at line 1:
ORA-02290: check constraint (SCOTT.MYDEPT_LOC_CHK02) violated


SQL> ED
Wrote file afiedt.buf

  1  INSERT INTO MyDept
  2* VALUES(1, 'SAMPLE01', 'NEW YORK')
SQL> /
INSERT INTO MyDept
*
ERROR at line 1:
ORA-02290: check constraint (SCOTT.MYDEPT_DEPTNO_CHK01) violated


SQL> ED
Wrote file afiedt.buf

  1  INSERT INTO MyDept
  2* VALUES(10, 'Sample01', 'NEW YORK')
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
SQL> /
INSERT INTO MyDept
*
ERROR at line 1:
ORA-02290: check constraint (SCOTT.MYDEPT_DNAME_CHK01) violated


SQL> cl scr

SQL> SELECT * FROM Dept;

    DEPTNO DNAME          LOC
---------- -------------- -------------
        10 ACCOUNTING     NEW YORK
        20 RESEARCH       DALLAS
        30 SALES          CHICAGO
        40 OPERATIONS     BOSTON

SQL> INSERT INTO MyDept
  2  VALUES(10, 'ACCOUNTING', 'NEW YORK');

1 row created.

SQL> INSERT INTO MyDept
  2  VALUES(20, 'RESEARCH', 'DALLAS');

1 row created.

SQL> INSERT INTO MyDept
  2  VALUES(30, 'SALES', 'CHICAGO');

1 row created.

SQL> INSERT INTO MyDept
  2  VALUES(40, 'OPERATIONS', 'BOSTON');

1 row created.

SQL> COMMIT;

Commit complete.

SQL> SELECT * FROM MyDept;

    DEPTNO DNAME          LOC
---------- -------------- ---------------
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
        10 ACCOUNTING       NEW YORK
        20 RESEARCH         DALLAS
        30 SALES            CHICAGO
        40 OPERATIONS       BOSTON

SQL> INSERT INTO MyDept(Deptno, Loc)
  2  VALUES(50, 'CHICAGO');
INSERT INTO MyDept(Deptno, Loc)
*
ERROR at line 1:
ORA-02290: check constraint (SCOTT.MYDEPT_DNAME_CHK01) violated


SQL> ALTER TABLE MyDept
  2  MODIFY
  3  (
  4   Dname VARCHAR2(15)
  5   DEFAULT 'NOT GIVEN'
  6  );

Table altered.

SQL> INSERT INTO MyDept(Deptno, Loc)
  2  VALUES(50, 'CHICAGO');

1 row created.

SQL> SELECT * FROM MyDept;

    DEPTNO DNAME          LOC
---------- -------------- ---------------
        10 ACCOUNTING     NEW YORK
        20 RESEARCH       DALLAS
        30 SALES          CHICAGO
        40 OPERATIONS     BOSTON
        50 NOT GIVEN      CHICAGO

SQL> INSERT INTO MyDept(Deptno, Loc)
  2  VALUES(60, 'DALLAS');
INSERT INTO MyDept(Deptno, Loc)
*
ERROR at line 1:
ORA-00001: unique constraint (SCOTT.MYDEPT_DNAME_UNQ) violated


SQL> ALTER TABLE MyDept
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
  2  DROP
  3  (
  4   CONSTRAINT MyDept_Dname_UNQ
  5  );
 CONSTRAINT MyDept_Dname_UNQ
            *
ERROR at line 4:
ORA-00907: missing right parenthesis


SQL> ED
Wrote file afiedt.buf

  1  ALTER TABLE MyDept
  2* DROP UNIQUE(Dname)
SQL> /

Table altered.

SQL> INSERT INTO MyDept(Deptno, Loc)
  2  VALUES(60, 'DALLAS');

1 row created.

SQL> SELECT * FROM MyDept;

    DEPTNO DNAME          LOC
---------- -------------- -------------
        10 ACCOUNTING     NEW YORK
        20 RESEARCH       DALLAS
        30 SALES          CHICAGO
        40 OPERATIONS     BOSTON
        50 NOT GIVEN      CHICAGO
        60 NOT GIVEN      DALLAS

6 rows selected.

SQL> INSERT INTO MyDept(Deptno, Dname)
  2  VALUES(70, 'SHIPPING');
INSERT INTO MyDept(Deptno, Dname)
*
ERROR at line 1:
ORA-02290: check constraint (SCOTT.MYDEPT_LOC_CHK02) violated


SQL> ALTER TABLE MyDept
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
  2  DROP CONSTRAINT MyDept_Loc_CHK02;

Table altered.

SQL> ALTER TABLE MyDept
  2  ADD
  3  CONSTRAINT MyDept_Loc_CHK02
  4  CHECK(LOC IN('NEW YORK', 'DALLAS', 'CHICAGO', 'BOSTON', 'NOT
GIVEN'));

Table altered.

SQL> INSERT INTO MyDept(Deptno, Dname)
  2  VALUES(70, 'SHIPPING');

1 row created.

SQL> SELECT * FROM MyDept;

    DEPTNO DNAME          LOC
---------- -------------- -------------
        10 ACCOUNTING     NEW YORK
        20 RESEARCH       DALLAS
        30 SALES          CHICAGO
        40 OPERATIONS     BOSTON
        50 NOT GIVEN      CHICAGO
        60 NOT GIVEN      DALLAS
        70 SHIPPING       NOT GIVEN

7 rows selected.

SQL> cl scr

SQL> CREATE  TABLE MyEmp
  2  (
  3   Empno NUMBER(4)
  4   CONSTRAINT MyEmp_Empno_PK PRIMARY KEY
  5   CONSTRAINT MyEmp_Empno_CHK01
  6   CHECK(Empno BETWEEN 1001 AND 4999),
  7   Ename VARCHAR2(15)
  8   DEFAULT 'NOT GIVEN'
  9   CONSTRAINT MyEmp_Ename_NN NOT NULL
 10   CONSTRAINT MyEmp_Ename_CHK01
 11   CHECK(Ename = UPPER(Ename)),
 12   Job VARCHAR2(15)
 13   DEFAULT 'NOT GIVEN'
```

Oracle By Sathish Yellanki (SkyEss)

```
14    CONSTRAINT MyEmp_Job_NN NOT NULL
15    CONSTRAINT MyEmp_Job_CHK01
16    CHECK(Job = UPPER(Job))
17    CONSTRAINT MyEmp_Job_CHK02
18    CHECK
19    (
20    Job IN
21          (
22          'PRESIDENT',
23          'MANAGER',
24          'ANALYST',
25          'SALESMAN',
26          'CLERK',
27          'NOT GIVEN'
28          )
29    ),
30    HireDate DATE
31    DEFAULT SYSDATE
32    CONSTRAINT MyEmp_HireDate_NN NOT NULL,
33    Sal NUMBER(8, 2)
34    DEAFULT 1000
35    CONSTRAINT MyEmp_Sal_NN NOT NULL
36    CONSTRAINT MyEmp_Sal_CHK01
37    CHECK(Sal BETWEEN 500 AND 100000),
38    Comm NUMBER(8, 2)
39    DEFAULT 0
40    CONSTRAINT MyEmp_Comm_CHK01
41    CHECK(Comm BETWEEN 0 AND 25000),
42    MGR NUMBER(4)
43    CONSTRAINT MyEmp_MGR_CHK01
44    CHECK(MGR BETWEEN 1001 AND 4999),
45    Deptno NUMBER(2)
46    CONSTRAINT MyEmp_Deptno_NN NOT NULL
47    CONSTRAINT MyEmp_Deptno_CHK01
48    CHECK(Deptno IN(10, 20, 30, 40, 50, 60, 70, 80, 90)),
49    CONSTRAINT MyEmp_MGR_FK
50    FOREIGN KEY(MGR)
51    REFERENCES MyEmp(Empno)
52    ON DELETE SET NULL,
53    CONSTRAINT MyEmp_Deptno_FK
54    FOREIGN KEY(Deptno)
55    REFERENCES MyDept(Deptno)
56    ON DELETE CASCADE,
57    CONSTRAINT MyEmp_TotSal_CHECK_CHK02
58    CHECK(Sal + NVL(Comm, 0) <= 100000)
59    );
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
 DEAFULT 1000
 *
ERROR at line 34:
ORA-00907: missing right parenthesis


SQL> ED
Wrote file afiedt.buf

  1  CREATE  TABLE MyEmp
  2  (
  3   Empno NUMBER(4)
  4   CONSTRAINT MyEmp_Empno_PK PRIMARY KEY
  5   CONSTRAINT MyEmp_Empno_CHK01
  6   CHECK(Empno BETWEEN 1001 AND 4999),
  7   Ename VARCHAR2(15)
  8   DEFAULT 'NOT GIVEN'
  9   CONSTRAINT MyEmp_Ename_NN NOT NULL
 10   CONSTRAINT MyEmp_Ename_CHK01
 11   CHECK(Ename = UPPER(Ename)),
 12   Job VARCHAR2(15)
 13   DEFAULT 'NOT GIVEN'
 14   CONSTRAINT MyEmp_Job_NN NOT NULL
 15   CONSTRAINT MyEmp_Job_CHK01
 16   CHECK(Job = UPPER(Job))
 17   CONSTRAINT MyEmp_Job_CHK02
 18   CHECK
 19   (
 20   Job IN
 21         (
 22         'PRESIDENT',
 23         'MANAGER',
 24         'ANALYST',
 25         'SALESMAN',
 26         'CLERK',
 27         'NOT GIVEN'
 28         )
 29   ),
 30   HireDate DATE
 31   DEFAULT SYSDATE
 32   CONSTRAINT MyEmp_HireDate_NN NOT NULL,
 33   Sal NUMBER(8, 2)
 34   DEFAULT 1000
 35   CONSTRAINT MyEmp_Sal_NN NOT NULL
 36   CONSTRAINT MyEmp_Sal_CHK01
 37   CHECK(Sal BETWEEN 500 AND 100000),
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
 38   Comm NUMBER(8, 2)
 39   DEFAULT 0
 40   CONSTRAINT MyEmp_Comm_CHK01
 41   CHECK(Comm BETWEEN 0 AND 25000),
 42   MGR NUMBER(4)
 43   CONSTRAINT MyEmp_MGR_CHK01
 44   CHECK(MGR BETWEEN 1001 AND 4999),
 45   Deptno NUMBER(2)
 46   CONSTRAINT MyEmp_Deptno_NN NOT NULL
 47   CONSTRAINT MyEmp_Deptno_CHK01
 48   CHECK(Deptno IN(10, 20, 30, 40, 50, 60, 70, 80, 90)),
 49   CONSTRAINT MyEmp_MGR_FK
 50   FOREIGN KEY(MGR)
 51   REFERENCES MyEmp(Empno)
 52   ON DELETE SET NULL,
 53   CONSTRAINT MyEmp_Deptno_FK
 54   FOREIGN KEY(Deptno)
 55   REFERENCES MyDept(Deptno)
 56   ON DELETE CASCADE,
 57   CONSTRAINT MyEmp_TotSal_CHECK_CHK02
 58   CHECK(Sal + NVL(Comm, 0) <= 100000)
 59*  )
SQL> /

Table created.

SQL> cl scr

SQL> DESC USER_CONSTRAINTS
 Name                                                                    Null?
Type
 ----------------------------------------------------------------------- ------
-- ----------------------------
 OWNER                                                                   NOT
NULL VARCHAR2(30)
 CONSTRAINT_NAME                                                         NOT
NULL VARCHAR2(30)
 CONSTRAINT_TYPE
VARCHAR2(1)
 TABLE_NAME                                                              NOT
NULL VARCHAR2(30)
 SEARCH_CONDITION
LONG
 R_OWNER
VARCHAR2(30)
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)

```
 R_CONSTRAINT_NAME
VARCHAR2(30)
 DELETE_RULE
VARCHAR2(9)
 STATUS
VARCHAR2(8)
 DEFERRABLE
VARCHAR2(14)
 DEFERRED
VARCHAR2(9)
 VALIDATED
VARCHAR2(13)
 GENERATED
VARCHAR2(14)
 BAD
VARCHAR2(3)
 RELY
VARCHAR2(4)
 LAST_CHANGE
DATE
 INDEX_OWNER
VARCHAR2(30)
 INDEX_NAME
VARCHAR2(30)
 INVALID
VARCHAR2(7)
 VIEW_RELATED
VARCHAR2(14)

SQL> DESC USER_CONS_COLUMNS
 Name                                                                    Null?
Type
 ----------------------------------------------------------------------- ------
-- ----------------------------------------
 OWNER                                                                   NOT
NULL VARCHAR2(30)
 CONSTRAINT_NAME                                                         NOT
NULL VARCHAR2(30)
 TABLE_NAME                                                              NOT
NULL VARCHAR2(30)
 COLUMN_NAME
VARCHAR2(4000)
 POSITION
NUMBER

SQL> SPOOL OFF
```

Oracle By Sathish Yellanki (SkyEss)

SkyEss Techno Solutions Pvt. Ltd.
Flat No. 201, II Floor, Abhilash Towers, BK Guda, Hyderabad – 500 038
Ph No. +9140 23710047, 64640047, Mobile: 9985798869
Contact For Courses And Training in
Oracle Developer Suite 10g(D2K), Oracle Apps R12, Live Projects in SQL and PL/SQL, Data Modeling, Linux/Unix
Follow Me: https://www.facebook.com/satishkumar.yellanki

Know you can register online for particular course (http://skyess.info/contact-form/)